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(54) **System and method for observing information transmitted between two integrated circuits**

(57) A system and method for observing bi-directional information transmitted between two integrated circuits is disclosed. The bi-directional information is transmitted on first and second communication links between a first and a second integrated circuit. The second integrated circuit includes a first data port electrically coupled to the first and second communication links. A second data port of the second integrated circuit is electrically coupled to the first communication link at the first data port of the second integrated circuit. The second

data port is capable of electrical connection with an analyzing device. A third data port of the second integrated circuit is electrically coupled to the second communication link at the first data port of the second integrated circuit. A third communication link electrically couples the third data port of the second integrated circuit to a first data port of a third integrated circuit. A second data port of the third integrated circuit is electrically coupled to the first data port of the third integrated circuit, the second data port capable of electrical connection with the analyzing device.

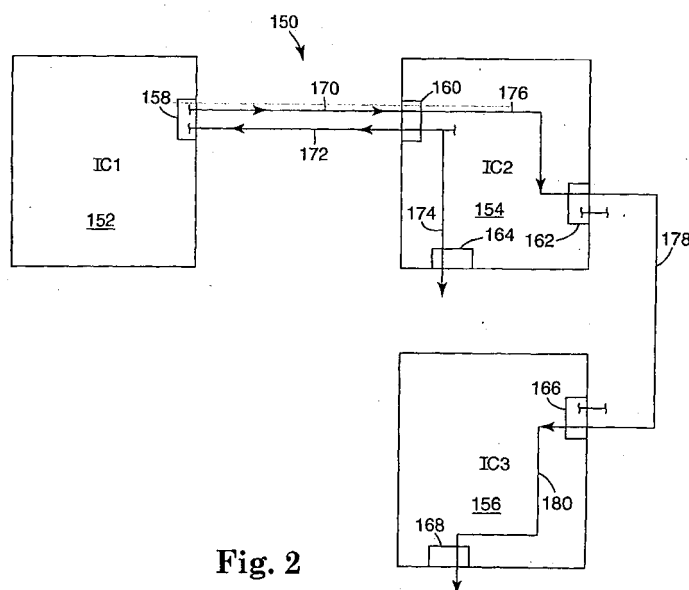


Fig. 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 10 6703

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 5 905 738 A (WHETSEL LEE DOYLE) 18 May 1999 (1999-05-18) * column 3, line 29 - column 4, line 29; figure 1 * * column 1, line 13 - column 2, line 34 * -----	1-15	G06F11/22 G06F11/267 G06F11/36
A	EP 0 554 118 A (SONY CORP) 4 August 1993 (1993-08-04) * column 1, lines 41-49 * * column 3, lines 39-44 * * column 5, lines 6-18 * * figures 5,6 * -----	1-15	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G06F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 24 June 2004	Examiner Hanrahan, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 01 10 6703

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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